(b) if so, the reasons therefor;

(c) the quantum of power generated at Rihand Dam during the last three years; and

(d) the percentage of power supplied to various States, State-wise?

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) to (d). The energy generation at Rihand Dam during 1988-89 to 1991-92 (upto Jan., 92) is as under:-

Year	*Generation*
1988-89	632
1989-90	864
1990-91	620
1991-92 (upto Jan., 92)	1076

Power from various generating stations, including Rihand Dam, is fed into the Northern regional grid from where it gets distributed among the States/Systems in the Northern Region. Bihar State is not a constituent of the Northern Grid/Region.

[English]

Public Telephone with STD Facility in Villages

1876. SHRI GOPI NATH GAJAPATHI: Will the Minister of COMMUNICATIONS be pleased to state:

(a) whether the Government propose to provide public telephone with STD facility to every village in the country;

(b) whether any target date has been fixed therefor;

(c) if so, the details thereof; and

(d) the steps taken thereon?

THE DEPUTY MINISTER IN THE MINISTRY OF COMMUNICATIONS (SHRI P.V. RANGAYYA NAIDU): (a) to (d). As a first step Government have planned to provide telephone facility to all the panchayat villages progressively by 31.3.1995 subject to availability of resources. Government have also proposed to extend telephone facility to all other villages progressively during 1995-2000 A.D.

A proposal to provide STD facility on Telephones being provided in Panchayat villages is also under consideration.

Renewable Sources of Energy

1877. SHRI GOVINDRAO NIKAM: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Government have any further programmes for harnessing the renewble sources of energy;

(b) if so, the details thereof; and

(c) the progress made by the Indian Renewable Energy Development Agency during the last three years?

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) and (b). The Department of Non-Conventional Energy Sources has been implementing a comprehensive programme of research, development and demonstration in the field of new and renewable sources

of energy, such as, Solar Thermal, solar Photovoltaic, Wind Energy, Mini-Micro hydro, Biomass, Biogas, Improved Chulha, Urjagram etc. The status of achievements made for various types of non-conventional energy systems and devices, is given in Statement 'A'.

The Government proposes to continue and further expand the various activities in the field during 8th Five Year Plan period. Provisions of the 8th Five Year Plan are being considered for finalisation.

(c) The progress made by the Indian Renewable Energy Development Agency Limited (IREDA), established in 1987 to develop and promote technologies pertaining to New and Renewable Sources of Energy during the last three years is given in Statement'B'.

STATEMENT 'A'

Status of progress made for various types of non-conventional energy systems and devices.

S.No.	Programme	Units	Cumulative Achievement upto 31.12.91
1	2	3	4
1.	National Project on Biogas Development (family size biogas plants)	Nos. in lakh	14.90
2.	Community/Institutional Biogas Plants	Nos.	750
3.	National Programme on Improved Chulhas	Nos. in lakh	113.05
4.	Solar Thermal Energy Systems	Coll. area in sq. mts. (In' 000)	190
5.	Solar Cookers	Nos. in '000	201
6.	Villages provided with photovoltaic stree lights	Nos.	8050
7.	Photovoltaic Water Pumps	Nos	1191
8.	Photovoltaic Power units	KWP	601.2
9.	Photovoltaic Community lights/TV and Community facilities	Nos.	938
10.	Photovoltaic Domestic lighting units	nos.	5050
11.	Wind Farms	MW	2756

S.No.	Programme	Units	Cumulative Achievement upto 31.12.91
1	2	3	4
12.	Wind Farms	MW	39
13.	Mini-Micro Hydro	MW	79.35
14.	Urjagram Energy Surveys	Nos.	1385
15.	Urjagram Projects	Nos.	153
16.	Biomass Energy plantations	Hectares	17165
17.	Biomass Gasifiers	Nos.	760
18.	Biomass Stirling Engines	Nos.	100

STATEMENT 'B'

Performance of IREDA during last three years

1	2	1988-89	1989-90	1990-91
A.	*RESOURCES*			
	Equity Capital Allocation released during the year (Rs. lakhs)	250.00	325.00	–
	Borrowing from Market (Rs. lakhs)	–	–	2500.00
	Grant-in-aid received from the Govt. of the Netherlands during the year (Rs. lakhs)	466.60	302.90	–
B.	*SANCTIONS*			
	No. of Projects	20	31	–
	Loan amount (Rs. in lakhs)	416.56	582.87	2629.35
C.	*DISBURSEMENTS*			
	Nos. of Projexts	20	28	40
	Amount (Rs. in lakhs)	465.75	491.59	822.92

1		988-89	1989-90	1990-91
1	2	3	4	5
D.	*RECOVERY*			
	(% of Recoveries to total dues)	100%	94.5%	92.6%
E.	*PROFIT BEFORE TAX*			
	(Rs. in lakhs)	47.69	79.70	124.39